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*The Secretary*  
*M.S. 1170*

FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554

7 JUN 1994

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

The Honorable Phil Gramm  
United States Senator  
2323 Bryan Street, #1500  
Dallas, TX 75201

Dear Senator Gramm:

This is in reply to your letter of May 6, 1994, on behalf of your constituent, R. E. "Archie" Archibald, a board member of the Howard County 911 Communication District, who is interested in the implementation of Enhanced 911 (E-911) technology in the Personal Communication Services industry.

On September 23, 1993, the Commission adopted a Second Report and Order in GEN Docket No. 90-314 that established rules for new Personal Communications Services (PCS). In this Order, we urged the PCS industry and standards-setting bodies to "direct particular attention [to] offering an emergency 911 capability that would work with enhanced-911 systems (E-911) and, to the extent feasible, permit locating a caller in situations where the caller is unable to state his location." Also, we indicated that we were contemplating the initiation of a future rule making proceeding "to address E-911 and related issues with regard to PCS, cellular, and any other relevant mobile service."

In response to our Order, the Texas Attorney General's Office filed a Petition for Reconsideration requesting that we require PCS licensees to provide E-911 service as a condition of license, and that we require development of a single, uniform standard for PCS E-911 service. There were a number of comments filed in support of Texas' petition. Several companies expressed concern about the potentially significant added costs of providing precise E-911 location information, as well as the delays that an FCC mandate for providing such information could bring to PCS development.

We are carefully considering the Texas petition and the comments filed in response to it. Because of the importance of this issue, we are considering the initiation of a separate rule making proceeding later this year dedicated exclusively to the E-911 capabilities of mobile telephone services. Such a proceeding would allow us to fully address all regulatory aspects of E-911, and to develop the most fair and effective regulations possible. In the meantime, a joint industry group consisting of representatives from the Association of Public-Safety Communications Officials (APCO), the National Emergency Number Association (NENA), and the Personal Communications Industry Association (PCIA), have been working to develop a common position on how PCS E-911 service should be implemented. We expect the results of those discussions to be filed with the Commission shortly.

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The Honorable Phil Gramm

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We appreciate your constituent's thoughts on this important topic and have added them, along with your letter, to the record in the PCS proceeding.

Sincerely,



Thomas P. Stanley  
Chief Engineer

Richard B. Engelman  
Chief, OET/AED/TSB

Julius P. Knapp  
Chief, OET/AED

cc (w/incoming): Secretary, for inclusion in GEN Docket 90-314 

cc: Chief Engineer  
Julius Knapp  
Richard Engelman  
Robert Bromery  
Art Wall  
DWilson:kls:06-01-94

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Phil Gramm  
Texas

#4035  
United States Senate

CCB

90-34

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MEMORANDUM

Date: 5/6/94

Federal Communications Commission  
Office of Congressional Affairs  
1919 "M" Street, NW  
Washington, D.C. 20554

A constituent has sent the enclosed communication. A response which addresses his/her concerns would be appreciated.

Please send your response, together with the constituent's correspondence, to the following address:

Office of Senator Phil Gramm  
2323 Bryan Street, #1500  
Dallas, Texas 75201

Attention: Trish Robinson

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DLL

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April 12, 1994

Senator Phil Gramm  
Room 370 Russell Building  
Washington, D. C. 20510

Dear Representative Gramm:

It is the greatest sense of urgency that I bring to your attention, a serious problem which could result in one of the worst life safety issues of our time, and ultimately threaten the health and safety of our citizens throughout America.

Today, more than 70% of our nation's populace can immediately access emergency service by dialing 9-1-1. Almost 90% of those systems in place are currently utilizing Enhanced 9-1-1 technology, which enables the Public Safety Answering Point (PSAP) to immediately identify the caller's telephone number and location, commonly referred to as (ANI) Automatic Number Identification, and (ALI) Automatic Location Identification, from a fixed hard wire location during times of emergencies. Time after time, case after case, Enhanced 9-1-1 system features have assisted our Public Safety Emergency Communications Professionals in the rapid deployment of our nations emergency service responders in a timely and accurate manner, saving lives and property.

The issue at hand relates to our National Telecommunications Industry, which has been actively pursuing the design and development of new wireless services called P. C. S. (Personal Communications Service). PCS's are apparently the wave of the future and will operate similar to cellular phones. The systems will utilize small, wireless inexpensive phones to transmit phone conversation over short distances to numerous transmit sites, and once competitively manufactured, they will be rapidly marketed and deployed throughout America during the next year or two. There are numerous test programs already underway across the country. Unfortunately, dialing Enhanced 9-1-1 from a PCS telephone will not be equivalent to dialing Enhanced 9-1-1 from a traditional wired telephone.

The situation is so serious, that even though representatives of both the National Emergency Number Association (NENA) and the Associated Public Safety Communications Officer's (APCO) took the initiative of personally travelling to Washington, D. C. on September 10, 1993 to meet and present information concerning this imminent life safety issue before key staff members of each of the

Senator Phil Gramm  
April 12, 1994  
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three FCC Commissioner's, as well as before the Chief Engineer of the F.C.C. The general Docket #90-314, released on October 22, 1993 only draws attention to the problem and suggests that the industry should provide Enhanced 9-1-1 capability. The Federal Communications Commission Ruling claims that there is not sufficient record before the Commission to impose an E9-1-1 mandate on PCS operators at this time.

This decision is totally unacceptable, and is just one more example in which the life safety of our citizens throughout America has not been brought to the forefront.

Absent any formal mandate or standard by the Federal Communications Commission requiring the Telecommunications Industry to provide Enhanced 9-1-1 capability from Personal Communications Systems devices prior to their implementations in the future.

"THE VITAL LIFE SAVING TECHNOLOGY OF ENHANCED 9-1-1 SYSTEMS AS WE KNOW THEM TODAY, WOULD BE RENDERED VIRTUALLY OBSOLETE."

Literally millions of dollars invested in life safety by Local, County, State and Federal Government entities, and the related industry would be wasted. The health, safety, and welfare of our citizenry throughout America would become the ultimate sacrifice if we allow such a tragic scenario to occur.

We are currently in a similar situation as cellular phones become cheaper and easier to acquire. Currently there is talk of changing the legislation that governs cellular type service. Even this is met with some resistance.

Enclosed is a form letter to Chairman Reed Hundt. If you can see your way to pass this important information along it would make for a safer America.

Yours truly,



R. E. "Archie" Archibald  
Board Member

Howard County 911 Communication District

REA/ar  
enc

Sample letter to FCC  
PCS/cellular access to E911

Reed Hundt  
Chairman  
Federal Communications Commission  
Washington, D.C. 20554

Re: GN Docket 90-314, Personal Communications Service (PCS)

Dear Mr. Chairman:

The Commission's Second Report and Order in the referenced proceeding last October adopted regulations for the new mobile radiotelephone service called PCS, and it appears that you may grant the first licenses late this year or early in 1993. But an important piece of lifesaving business remains unfinished: Identifying and locating 911 callers who use mobile phones.

The Commission's October order recognized the problem, at ¶139:

The industry and standards-setting bodies should direct particular attention [to] offering an emergency 911 capability that would work with enhanced 911 systems (E-911) and, to the extent feasible, permit locating a caller in situations where that caller is unable to state his location. We are particularly concerned that unless an E-911 capability is designed into PCS systems, dialing 911 from a PCS telephone will not be equivalent to dialing 911 from a traditional wired telephone. (emphasis added)

The Commission said it could not require E-911 capability for PCS now, but would soon open another proceeding to look at the problem.

The Texas emergency communications agency, supported by 11 other states and by the National Emergency Number Association (NENA) has asked the Commission to reconsider its October decision not to require E-911 for PCS immediately. These states and NENA have asked you to adopt the requirement in the rules, or to make it a condition of PCS license, while leaving the industry and standards-setting bodies to come up with the precise technical methods.

Mr. Chairman, PCS equipment is being designed and readied for manufacture right now. The industry has made clear its answer: Let us introduce PCS without E-911, and we'll try to add the capability later. But many technologies for locating PCS callers are available now, and the Commission has the power to require manufacturers and service providers to settle quickly on the best solution.

Every day in this country, thousands of the hundreds of thousands of 911 calls placed are cries for help where the small children or other victims do not know or cannot give their locations. But more than three out of four wire telephones are equipped to identify and locate those callers automatically anyway. That is not true for cellular telephones, and it won't be true for PCS calling unless and until the FCC requires E-911 from the beginning.

Chairman Hundt, on behalf of the dedicated E911 emergency communications and response workers in my [district] [state], I urge the Commission to reconsider the October order and to require E911 for PCS from the start of service. Please let me know the status and timing of both the reconsideration and separate proceedings in which this lifesaving problem can and must be solved. Every day without a solution is a day when lives are needlessly lost or endangered.

Sincerely,

[Congressman or Senator]

cc: Thomas P. Stanley, Chief Engineer  
GN Docket 90-314